

INTERNATIONAL SEARCH REPORT

Intern Application No
PCT/IB2004/004064

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A42B3/04 A42B3/16

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 A42B A61F G02C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 286 149 B1 (WHITAKER KEVIN D) 11 September 2001 (2001-09-11)	1,14-17
A	column 4, line 14 - line 33; claim 1; figures 1,2,5,6	2-4,8
X	US 5 477 564 A (TICHY ET AL) 26 December 1995 (1995-12-26) claim 1; figure 1	1,14-16
X	US 5 044 014 A (CORNALE ET AL) 3 September 1991 (1991-09-03) claim 1	1,14-16
X	US 5 850 637 A (LEWIS ET AL) 22 December 1998 (1998-12-22)	1,14,15, 17
A	claim 1; figure 1	2-4,8
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

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O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

Z document member of the same patent family

Date of the actual completion of the international search

7 March 2005

Date of mailing of the international search report

16/03/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 718 002 A (PAVLAK ET AL) 17 February 1998 (1998-02-17)	1,14,15, 17
A	claims 1,5,12-15; figure 1 -----	2-4,8
A	US 6 029 282 A (BUSCHMAN ET AL) 29 February 2000 (2000-02-29) claim 1; figure 1 -----	1,14,15

INTERNATIONAL SEARCH REPORT

Information on patent family members

Inter

Application No

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6286149	B1	11-09-2001	NONE	
US 5477564	A	26-12-1995	NONE	
US 5044014	A	03-09-1991	AU 8495691 A CA 2043315 A1 WO 9203997 A1	30-03-1992 06-03-1992 19-03-1992
US 5850637	A	22-12-1998	NONE	
US 5718002	A	17-02-1998	AU 5727898 A WO 9830182 A1	03-08-1998 16-07-1998
US 6029282	A	29-02-2000	NONE	